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TEXAS INSTRUMENTS INCORPORATED  
 P O BOX 655474, M/S 3999  
 DALLAS, TX 75265  
 Attn: Abdul Zindani

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Marianna Smith

(Depositor's name)

Marianna Smith

(Signature)

4-4-06

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/082,826	10/19/2001	David Patrick Magee	TI-32984	1043

TITLE OF INVENTION: SYSTEMS AND METHODS FOR IMPROVING FFT SIGNAL-TO-NOISE RATIO BY IDENTIFYING STAGE WITHOUT BIT GROWTH

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	05/15/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
TRAN, KHANH C	2631	375-340000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

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2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Abdul Zindani

2 W. James Brady III

3 Frederick J. Telecky, Jr.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Texas Instruments Incorporated

Dallas, Texas

01 FC:1501

1400.00 DA

02 FC:1504

300.00 DA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

Abdul Zindani

Date

4/4/2006

Typed or printed name

Abdul Zindani

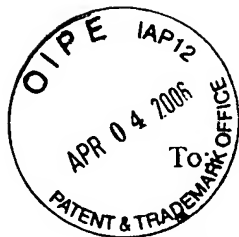
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46,091

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO, to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re the Application of:**

Serial No: David P. Magee  
Filed: 10/082,826  
Customer No.: October 19, 2001  
Title: Systems and Methods for Improving FFT Signal-to-Noise Ratio by Identifying Stages Without Bit Growth

Docket No.: TI-32984  
Art Unit: 2631  
Examiner: Khanh C. Tran  
Conf. No.: 1043

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<b>NAME OF INVENTOR(S):</b> David P. Magee	
<b>RECEIPT DATE &amp; SERIAL NO.:</b> Serial No.: 10/082,826	
<b>TITLE OF INVENTION:</b> Systems and Methods for Improving FFT Signal-to-Noise Ratio etc.	
<b>TI FILE NO.:</b> TI-32984	<b>DEPOSIT ACCT. NO.:</b> 20-0668
<b>FAXED:</b> 4/4/2006 <b>DUE:</b> 5/15/2006 <b>ATTY/SECY:</b> AZ/ms	

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